

## ABSTRACT

The invention comprises a formulation for a semi-hard stick-type dentifrice optimally for use in an oral hygiene device which utilizes such semi-hard stick-type dentifrice, most often used when traveling.

- 5 The dentifrice includes a primary base material such as glycerin. Sodium benzoate is included as a preservative. Sodium coco-sulfate and a mixture of wheat gluten proteins and potassium cocoate provide a foaming material. Cleansers are included and the dentifrice is strengthened by vegetal-based sodium stearate and vegetal-based
- 10 stearyl alcohol. Whitening materials are included, as is an absorption material and sodium bicarbonate as an abrasive.